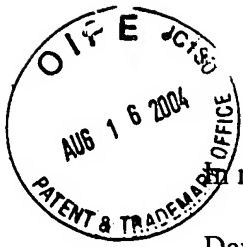


IFW



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

Before the Examiner

David A. Schleppenbach et al.

Serial No.: 10/748,742

Group Art Unit 3713

Filed: December 30, 2003

APPARATUS AND METHODS FOR A
SHAPE MEMORY SPRING
ACTUATOR AND DISPLAY

August 13, 2004

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the duty of disclosure embodied in 37 C.F.R. § 1.56, Applicants wish to bring to the attention of the Examiner the items of information listed on the enclosed PTO forms 1449 A & B. This information was previously submitted in the parent application, (Serial No. 09/040,871, now issued as U.S. Patent No. 6,705,868). Copies of cited items are not enclosed.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 13, 2004.

John V. Daniluck

Signature

Date

INFORMATION DISCLOSURE STATEMENT

Serial No. 10/748,742

Attorney Docket No. 7024-538

Page 1 of 2

The identified information, taken alone or in combination with other art, provides information relating to the subject matter of the invention, but fails to teach, disclose or suggest the present invention. The filing of this Information Disclosure Statement shall not be construed as an admission that the information cited is, or is considered to be, material to patentability as defined in § 1.56(b).

This Statement is being submitted under 37 C.F.R. §1.97(c)(2) more than three months after the filing date of the application but before the mailing of the first Office Action on the merits. No fees are believed to be due; however, if any fees are deemed to be required, please charge such fees to Deposit Account No. 23-3030, but not to include any payment of issue fees.

Respectfully submitted

By: 

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/748,742		
		Filing Date	December 30, 2003		
		First Named Inventor	David A. Schleppenbach		
		Group Art Unit	3713		
		Examiner Name			
Sheet	1	of	5	Attorney Docket Number	7024-538

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-3,586,451	06/22/1971	Canton	
		US-3,652,173	03/28/1972	Miller et al.	
		US-3,653,777	04/04/1972	Bross	
		US-3,659,354	05/02/1972	Sutherland	
		US-3,951,554	04/20/1976	Jonkers	
		US-4,033,053	07/05/1977	Engler	
		US-4,037,200	07/19/1977	Cranmer	
		US-4,115,015	09/19/1978	Torii	
		US-4,194,190	03/18/1980	Bareau	
		US-4,266,936	05/12/1981	Rose et al.	
		US-4,283,178	08/11/1981	Tetzlaff	
		US-4,285,039	08/18/1981	Patterson et al.	
		US-4,404,764	09/20/1983	Wills et al.	
		US-4,473,356	09/25/1984	Fernando et al.	
		US-4,500,293	02/19/1985	Eltgen	
		US-4,553,393	11/19/1985	Ruoff	
		US-4,556,934	12/03/1985	Lemme et al.	
		US-4,556,935	12/03/1985	Lemme	

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	†
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		DE 39 29 275 C1	03/14/1991			
		FR 2 718 266	10/06/1995			
		JP 5-300705	11/12/1993			
		JP 2-134674	05/23/1990			
		JP 6-227051	08/16/1994			
		JP 59-198483	11/10/1984			
		JP 61-166580	07/28/1986			

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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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				Application Number	10748,742
				Filing Date	December 30, 2003
				First Named Inventor	David A. Schleppenbach
				Group Art Unit	3713
				Examiner Name	
Sheet	3	of	5	Attorney Docket Number	7024-538

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		Number-Kind Code ² (if known)			
		US-4,898,536	02/06/1990	Hoffarth	
		US-4,932,210	06/12/1990	Julien et al.	
		US-5,040,283	08/20/1991	Pelgrom	
		US-5,070,697	12/10/1991	Van Zeggeren	
		US-5,086,287	02/04/1992	Nutzel	
		US-5,107,235	04/21/1992	Torres-Isea	
		US-5,107,916	04/28/1992	Van Roermund et al.	
		US-5,127,228	07/07/1992	Swenson	
		US-5,165,897	11/24/1992	Johnson	
		US-5,186,629	02/16/1993	Rohen	
		US-5,188,145	02/23/1993	Mathieu	
		US-5,195,894	03/23/1993	Le Blanc et al.	
		US-5,197,418	05/30/1993	Wissmann et al.	
		US-5,209,584	05/11/1993	Galarneau	
		US-5,226,817	07/13/1993	Nakajima et al.	
		US-5,286,199	02/15/1994	Kipke	
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		US-5,426,837	06/27/1995	Tieman	

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				Application Number	10/748,742
				Filing Date	December 30, 2003
				First Named Inventor	David A. Schleppebach
				Group Art Unit	3713
				Examiner Name	
Sheet	4	of	5	Attorney Docket Number	7024-538

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		Number-Kind Code ² (if known)			
		US-5,453,012	09/26/1995	Hudecek	
		US-5,496,174	03/05/1996	Garner	
		US-5,502,965	04/02/1996	Hornhauer et al.	
		US-5,510,598	04/23/1996	Kawam et al.	
		US-5,574,830	11/12/1996	Quzilleau	
		US-5,580,251	12/03/1996	Gilkes et al.	
		US-5,583,478	12/10/1996	Renzi	
		US-5,588,295	12/31/1996	Brotz	
		US-5,629,662	05/13/1997	Floyd et al.	
		US-5,685,721	11/11/1997	Decker	
		US-5,718,588	02/17/1998	Tretiakoff et al.	
		US-6,022,220	02/08/2000	Haugen	
		US-6,085,871	07/11/2000	Karamata	

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